

**To:** Miller, Linda[miller.linda@epa.gov]  
**From:** Levine, Carolyn  
**Sent:** Fri 3/28/2014 4:04:34 PM  
**Subject:** RE: WV Spill

Great, thanks! I will send you a draft later of our general response, if you can run by Shawn...

I think we can sign here in OCIR.

-----  
*Carolyn Levine*

*Office of Congressional and Intergovernmental Relations*

*U.S. EPA*

*(202) 564-1859*

*levine.carolyn@epa.gov*

**From:** Miller, Linda  
**Sent:** Friday, March 28, 2014 12:03 PM  
**To:** Levine, Carolyn  
**Subject:** RE: WV Spill

Nothing from EPA. WV is doing residential sampling. EPA is working with American water on a sampling plan for pipes but nothing ready for prime time. I think the generic version of our activities would be my recommendation. Thanks!

Linda Miller

EPA Region III

Office of State and Congressional Relations

1650 Arch Street

Philadelphia, PA 19103

215 814 2068

**Ex. 4 - CBI**

**From:** Levine, Carolyn  
**Sent:** Friday, March 28, 2014 11:55 AM  
**To:** Miller, Linda  
**Subject:** RE: WV Spill

Great, thanks! I will use the March 5 desk statement-if there is no new/additional information since then?

---

*Carolyn Levine*

*Office of Congressional and Intergovernmental Relations*

*U.S. EPA*

*(202) 564-1859*

*[levine.carolyn@epa.gov](mailto:levine.carolyn@epa.gov)*

**From:** Miller, Linda  
**Sent:** Friday, March 28, 2014 11:38 AM  
**To:** Levine, Carolyn  
**Subject:** FW: WV Spill  
**Importance:** High

Below is hot issue paper from a few weeks ago and a desk statement used when we discontinued daily osc presence

**Hot Issue Paper for Regional/Deputy Regional Administrator**

## (WV Freedom Spill - Residuals)

**Date of Briefing: 3/6/14**  
**Arguto x3367**

**Staff Contact/Phone #: Bill**

### **Issue/Topic:**

· On February 18, 2014, the American Water Co officially requested that EPA review a draft briefing paper [Ex. 4 - CBI] that the Company prepared which [Ex. 4 - CBI]  
[Ex. 4 - CBI]

· Region 3 requested a technical review of the document from ORD, the Water Security Division-OW and the Homeland Security Div-OW. This team represents EPA experts who have researched fate and transport of chemical contamination of public water systems.

· The EPA draft technical review of the American water briefing paper was received in the Region on 2/27/14.

· WPD is continuing the coordination of the EPA response. Our EPA response will provide the Agency expectation of residuals remaining in the distribution system and premise piping.

### **Background:**

· The WV Freedom Chemical spill impacted the Charleston WV water supply that is serviced by the West Virginia American Water Company.

· Their impacted Elk River intake supplies water to 9 counties and a population of 300,000.

· A “do not use” order was issued to the affected population on Jan 9, 2014. Due to the impact of this spill the Governor also declared a State of Emergency.

· Of the many initial responses to the contaminated water supply the water company began an aggressive flushing program through their distribution system to remove the chemicals MCHM, PPH, DiPPH.

· The distribution system contains 1,900 miles of pipe, 100 storage tanks and 179 pressure zones. Also impacted is premise piping of approx 100,000 connections including schools, hospitals, businesses and private residents.

- The flushing was effective over time of reaching an initial non detectable level of 10 ppb for MCHM and eventually 2 ppb. The “do not use “order was lifted on Jan 19, 2014

## **Ex. 5 - Deliberative**

- House hold premise piping was also recommended to be flushed with instructions provided by the Water Company.
- The State has contracted for independent sampling to test premise piping in individual homes. Results of this sampling have not been issued.

### **Direction/Decision:**

## **Ex. 5 - Deliberative**

-

### **Next Steps:**

Obtain Agency concurrence of our EPA review of the American Water briefing document.  
Communicate our review to American Water and WVDHHR.

Desk statement

**On March 5, EPA discontinued a daily on-site presence at the Freedom Industries facility. West Virginia Department of Environmental Protection (WVDEP) water and waste enforcement staff are at the Freedom facility and continue to oversee operations. If conditions change, or if WVDEP requests federal on-site assistance, EPA responders can be redeployed to the site. EPA will return during future tank dismantling to observe site conditions.**